WEST Search History for Application 10518392

Creation Date: 2009083108:04

5382770.pn. and (plastic)USPT ADJ YES 03-25-2008
(374/$.ccls.) and (weld$3 near plastic)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ YES 03-25-2008
(374/$.ccls.) and (weld$3 near resin)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ YES 03-25-2008
(weld$3 near resin)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-25-2008
(weld$3 near resin) same (weld$3 near5 laser)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ YES 03-25-2008
(weld$3 near resin) same (weld$3 near5 laser) and (resin components or resin
members)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-25-2008
(weld$3 near resin) same (weld$3 near5 laser) and (resin parts)PGPB, USPT, USOC, EPAB,
JPAB, DWPI, TDBD ADJ YES 03-25-2008
(weld$3 near resin$3) near (article$1 or part$1 or member$1 or component$1) same
(laser)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-25-2008
(semiconductor near laser near15 1500)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ YES 03-25-2008
(semiconductor near laser near15 1500 near 2800)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ YES 03-25-2008
(semiconductor near laser near15 1500 near15 2800)PGPB, USPT, USOC, EPAB, JPAB,
DWPI, TDBD ADJ YES 03-25-2008
(semiconductor near laser near15 1500) and (weld$3 near laser)PGPB, USPT, USOC, EPAB,
JPAB, DWPI, TDBD ADJ YES 03-25-2008
(semiconductor near laser near15 1500)USPT ADJ YES 03-25-2008
(semiconductor near laser) same (block$3 near oscillation or filter$3 near oscillation)PGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-25-2008
10518392PGPB ADJ YES 03-25-2008
(10518392) and (oscillation)PGPB ADJ YES 03-25-2008
(does near block near oscillation) same (laser)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ YES 03-25-2008
(block$3 near oscillation or filter$3 near oscillation or transmit$4 near oscillation)PGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-25-2008
(block$3 near oscillation or filter$3 near oscillation or transmit$4 near oscillation) same
(semiconductor laser)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-25-2008
2001071384USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-25-2008
6329635.pn.USPT ADJ YES 03-25-2008
6329635.pn.USPT ADJ YES 03-25-2008
(laser near weld$3)USPT ADJ YES 03-25-2008
((laser near weld$3)) and (filter$3)USPT ADJ YES 03-25-2008
((laser near weld$3) and (filter$3)) and (oacillat$3 near
wavelength$1)USPT ADJ YES 03-25-2008
((laser near weld$3) and (filter$3)) and (oscillat$3 near
wavelength$1)USPT ADJ YES 03-25-2008
((laser near weld$3) and (filter$3)) and (block$3 near thermal$3 or block$3 near temperature
or block$3 near infrared)USPT ADJ YES 03-25-2008
(374/130, 120, 121, 124, 126, 137, 4, 5, 57, 45;219/130.01, 121.04, 121.83, 121.84,
121.85)![CCLS]PGPB, USPT, USOC, EPAB, JPAB ADJ 03-25-2008

((374/130, 120, 121, 124, 126, 137, 4, 5, 57, 45;219/130.01, 121.04, 121.83, 121.84, 121.85)![CCLS]) and (laser near weld$3 or laser near bond$3 or laser near fusi$3)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 03-25-2008

((374/130, 120, 121, 124, 126, 137, 4, 5, 57, 45;219/130.01, 121.04, 121.83, 121.84, 121.85)![CCLS] and (laser near weld$3 or laser near bond$3 or laser near fusi$3)) and (oscillat$3 near wavelength$1)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 03-25-2008

5382770.pn.USPT ADJ YES 02-10-2009

2001071384JPAB ADJ YES 02-10-2009

block$3 near 1500 nmPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

block$3 near noisePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

(block$3 near noise) and (resin near weld$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

(block$3 near noise) and (during near weld$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

(filter$3 near light or filter$3 near noise or block$3 near light or block near wavelength$1 or filter$3 near wavelength$1) same (oscillat$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

((filter$3 near light or filter$3 near noise or block$3 near light or block near wavelength$1 or filter$3 near wavelength$1) same (oscillat$3)) and (resin near weld$3 or during weld$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

(semiconductor laser) near15 (filter$3 or block$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

(semiconductor laser) near15 (filter$3 or block$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

((semiconductor laser) near15 (filter$3 or block$3)) and (oscillat$3 near wavelength or oscillat$3 near light)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

((semiconductor laser) near15 (filter$3 or block$3)) same (oscillat$3 near wavelength or oscillat$3 near light)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

((semiconductor laser) near15 (filter$3 or block$3) same (oscillat$3 near wavelength or oscillat$3 near light)) and (weld$3 process or during weld$3 or weld$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

((semiconductor laser) near15 (filter$3 or block$3) same (oscillat$3 near wavelength or oscillat$3 near light)) and (weld$3 process or during weld$3 or weld$3 or solder$3 or fusi$3 or bond$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

semiconductor laser same filterPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

semiconductor laser near15 filterPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

semiconductor laser near filterPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

(semiconductor laser near filter) and (oscillat$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 02-10-2009

(374/130, 120, 121, 124, 126, 137, 4, 5, 57, 178;219/130.01, 121.04, 121.64, 121.83, 121.65, 109, 110;250/338.1;372/29.02)![CCLS]PGPB, USPT, USOC, EPAB, JPAB ADJ 02-10-2009

((374/130, 120, 121, 124, 126, 137, 4, 5, 57, 178;219/130.01, 121.04, 121.64, 121.83, 121.65, 109, 110;250/338.1;372/29.02)![CCLS]) and (semiconductor near laser)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 02-10-2009

((374/130, 120, 121, 124, 126, 137, 4, 5, 57, 178;219/130.01, 121.04, 121.64, 121.83, 121.65, 109,

110;250/338.1;372/29.02)![CCLS] and (semiconductor near laser)) and (filter$3 or block$3)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 02-10-2009
((374/130, 120, 121, 124, 126, 137, 4, 5, 57, 178;219/130.01, 121.04, 121.64, 121.83, 121.65, 109, 110;250/338.1;372/29.02)![CCLS] and (semiconductor near laser) and (filter$3 or block$3)) and (oscillat$3 near wavelength)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 02-10-2009
((374/130, 120, 121, 124, 126, 137, 4, 5, 57, 178;219/130.01, 121.04, 121.64, 121.83, 121.65, 109, 110;250/338.1;372/29.02)![CCLS]) and (diode near laser)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 02-10-2009
((374/130, 120, 121, 124, 126, 137, 4, 5, 57, 178;219/130.01, 121.04, 121.64, 121.83, 121.65, 109, 110;250/338.1;372/29.02)![CCLS] and (diode near laser)) and (oscillat$3 near wavelength)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 02-10-2009

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
374/130, 120, 121, 124, 126, 137, 4, 5, 57, 129, 131, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.01;356/43	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
(374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1)![CCLS]	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
(374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS]	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS]) and (weld$3)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3)) and (laser)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3) and (laser)) and (resin)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009

((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3)) and (resin near weld$3)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3)) and (temperature or infrared)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3) and (temperature or infrared)) and (semiconductor laser)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3)) and (filter or reflect$3 or block$3)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3) and (filter or reflect$3 or block$3)) and (transmit$3 near light or transmit$3 near beam or transmit$4 near radiation)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
(filter$3 or block$3 or reflect$3 or divert$3) near (light or radiation or beam or ray)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3) and (filter or reflect$3 or block$3)) and (transmit$4 near light or transmit$4 near beam or transmit$4 near radiation or transmit$4 near ray)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((filter$3 or block$3 or reflect$3 or divert$3) near (light or radiation or beam or ray)) and (transmit$4 near light or transmit$4 near beam or transmit$4 near radiation or transmit$4 near ray)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((filter$3 or block$3 or reflect$3 or divert$3) near (light or radiation or beam or ray)) and ((374/130, 131,	PGPB, USPT,	ADJ	YES		08-31-2009

120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3) and (filter or reflect$3 or block$3) and (transmit$4 near light or transmit$4 near beam or transmit$4 near radiation or transmit$4 near ray))	USOC, EPAB, JPAB				
(374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/617, 121.45, 121.46, 130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS]	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/617, 121.45, 121.46, 130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS]) and (weld$3)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/617, 121.45, 121.46, 130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3)) and ((filter$3 or block$3 or reflect$3 or divert$3) near (light or radiation or beam or ray))	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009
((374/130, 131, 120, 100, 121, 124, 126, 129, 137, 4, 5, 57, 141;219/617, 121.45, 121.46, 130.01, 121.04, 121.83, 121.64, 121.85, 109, 110;250/338.1, 336.1, 339.06, 370.15, 559.11, 559.1, 215, 503.1, 472.1)![CCLS] and (weld$3) and (filter$3 or block$3 or reflect$3 or divert$3) near (light or radiation or beam or ray)) and (transmit$4 near light or transmit$4 near beam or transmit$4 near radiation or transmit$4 near ray)	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		08-31-2009